Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for detecting delayed Radio Link Protocol frames, and preventing the transmission of unnecessary Negative Acknowledgement messages and data frame retransmissions, comprising the steps of:

buffering an unsequentially received Radio Link Protocol frame received on a first channel; and

withholding the transmission of a Negative Acknowledgement message for a delayed Radio Link Protocol frame until the delayed Radio Link Protocol frame has been missing longer than a predefined time period[.]; and

monitoring the first channel and a second channel for the delayed Radio Link Protocol frame, wherein the first and second channel are code-multiplexed to allow concurrent transmission of frames.

2.   (Original)   The method of claim 1 further comprising the step of assigning a timer/counter to the buffered Radio Link Protocol frame for determining the necessity of transmitting a Negative Acknowledgement message for an unreceived Radio Link Protocol frame.

3.   (Original)   The method of claim 1 further comprising the steps of:

buffering a Negative Acknowledgement message for an unreceived Radio Link Protocol frame; and

assigning a timer/counter to the buffered Negative Acknowledgement message to prevent unnecessary transmission of the Negative Acknowledgement message if the unreceived Radio Link Protocol frame arrives before the expiration of a predefined time period.

4.   (Original)   The method of claim 1 further comprising the step of delaying updating the expected sequence number until a delayed Radio Link Protocol frame has been received.

5.   (Currently Amended) A wireless communications device configured to detect delayed Radio Link Protocol frames, and prevent the transmission of unnecessary Negative Acknowledgement messages and data frame retransmissions, comprising:

a processor; and

a storage medium coupled to the processor and containing a set of instructions executable by the processor to buffer an unsequentially received Radio Link Protocol frame received on a first channel; and

withhold the transmission of a Negative Acknowledgement message for a delayed Radio Link Protocol frame until the delayed Radio Link Protocol frame has been missing longer than a predefined time period[.]; and

monitoring the first channel and a second channel for the delayed Radio Link Protocol frame, wherein the first and second channel are code-multiplexed to allow concurrent transmission of frames.

6.   (Original)   The wireless communications device of claim 5, wherein:

the set of instructions is further executable by the processor to assign a timer/counter to the buffered Radio Link Protocol frame to determine the necessity of transmitting a Negative Acknowledgement message for an unreceived Radio Link Protocol frame.

7.   (Original)   The wireless communications device of claim 5, wherein:

the set of instructions is further executable by the processor to buffer a Negative Acknowledgement message for an unreceived Radio Link Protocol frame; and

assign a timer/counter to the buffered Negative Acknowledgement message to prevent unnecessary transmission of the Negative Acknowledgement message if the unreceived Radio Link Protocol frame arrives before the expiration of a predefined time period.

8.   (Original)   The wireless communications device of claim 5, wherein:

the set of instructions is further executable by the processor to delay updating the expected sequence number until a delayed Radio Link Protocol frame has been received.

9.   (Original)   The wireless communications device of claim 5, wherein:

the device is a base station transceiver.

10.   (Original)   The wireless communications device of claim 5, wherein:

the device is a mobile telephone.

11.   (Original)   The wireless communications device of claim 5, wherein:

the device is a data terminal.

12.   (Currently Amended)   A wireless apparatus for detecting delayed Radio Link Protocol frames, and preventing the transmission of unnecessary Negative Acknowledgement messages and data frame retransmissions, comprising:

means for buffering an unsequentially received Radio Link Protocol frame received on a first channel; and

means for withholding the transmission of a Negative Acknowledgement message for a delayed Radio Link Protocol frame until the delayed Radio Link Protocol frame has been missing longer than a predefined time period[.]; and

monitoring the first channel and a second channel for the delayed Radio Link Protocol frame, wherein the first and second channel are code-multiplexed to allow concurrent transmission of frames.

13.   (Previously Presented) The wireless apparatus of claim 12 further comprising:

means for assigning a timer/counter to the buffered Radio Link Protocol frame for determining the necessity of transmitting a Negative Acknowledgement message for an unreceived Radio Link Protocol frame.